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(FILE 'HOME' ENTERED AT 10:52:06 ON 08 DEC 2003)  
FILE 'CAPLUS' ENTERED AT 10:55:19 ON 08 DEC 2003  
FILE 'REGISTRY' ENTERED AT 10:55:25 ON 08 DEC 2003  
L1 1 S 59-05-2  
FILE 'REGISTRY' ENTERED AT 10:56:13 ON 08 DEC 2003  
L2 1 S 59-05-2/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY  
FILE 'REGISTRY' ENTERED AT 11:00:57 ON 08 DEC 2003  
SET TERMSET E#  
DEL SEL Y  
SEL L2 1 RN  
L3 1 S E1/RN  
SET TERMSET LOGIN  
FILE 'CAPLUS' ENTERED AT 11:01:01 ON 08 DEC 2003  
L4 10281 S L3  
L5 103 S L4 AND PY<=2001 AND ((SUBARACHNOID(2A)HEMORRHAGE) OR TRAUMA O  
FILE 'REGISTRY' ENTERED AT 11:03:53 ON 08 DEC 2003  
SET TERMSET E#  
DEL SEL Y  
SEL L2 1 RN  
L6 1 S E1/RN  
SET TERMSET LOGIN  
FILE 'USPATFULL' ENTERED AT 11:03:57 ON 08 DEC 2003  
L7 1079 S L6  
L8 133 S L7 AND PY<=2000 AND ((SUBARACHNOID(2A)HEMORRHAGE) OR TRAUMA O  
L9 10 S L2 AND ((SUBARACHNOID(2A)HEMORRHAGE) OR CEREBRAL(2A)VASOPASME  
L10 17697 S METHOTREXATE OR AMETHOPTERIN? OR ANTIFOLAN OR CL(W)14377 OR E  
L11 194 S L10(S) ((SUBARACHNOID(2A)HEMORRHAGE) OR CEREBRAL(2A)VASOPASME  
L12 0 S L11 NOT PY>=2000  
L13 0 S L11 NOT PY>=2001  
FILE 'EUROPATFULL, PATDPAFULL, PCTFULL, RDISCLOSURE, USPATFULL, USPAT2'  
ENTERED AT 12:00:50 ON 08 DEC 2003  
L14 7 S L13  
L15 1769 S L10(L) ((SUBARACHNOID(2A)HEMORRHAGE) OR CEREBRAL(2A)VASOPASME  
FILE 'USPATFULL' ENTERED AT 12:06:06 ON 08 DEC 2003  
L16 853 S L15  
L17 54 S L16 NOT PY>=2000

L9 ANSWER 9 OF 10 USPATFULL on STN

SUMM . . . conditions, uveitis, meningitis, inflammatory bowel disease, myositis, inflammation of oral and esophageal tissues, inflammatory lung disease, inflammation associated with myocardial infarction and cerebral vascular disease or accidents, trauma induced inflammation, and other inflammatory/immune disorders.

IT 50-18-0, Cyclophosphamide 50-23-7, Hydrocortisone 50-35-1, Thalidomide 59-05-2, Methotrexate 446-86-6, Azathioprine 50924-49-7, Mizoribine 53123-88-9, Rapamycin 59865-13-3, Cyclosporine 77327-05-0, Didemnin B 89149-10-0, Deoxyspergualin 104987-11-3, Tacrolimus (topical compns. contg. immunosuppressants alone or in combination with inflammation inhibitors for induction of site-specific immunosuppression)

L9 ANSWER 10 OF 10 USPATFULL on STN

DETD . . . Examples of specific types of abnormal brain tissue include gliomas, metastatic brain tumors, head injury, meningitis, brain abscess, multiple sclerosis, **subarachnoid hemorrhage**

IT 59-05-2, Methotrexate 15663-27-1, Cisplatin (bradykinin and analog RMP-7 for opening of abnormal brain tissue capillaries for selective passage of neuropharmaceuticals)

L17 ANSWER 9 OF 54 USPATFULL on STN

SUMM . . . segmental or intercostal neuralgia and other neuralgias; and cerebral vascular disorders due to acute or chronic cerebrovascular damage such as **cerebral infarction**, subarachnoid haemorrhage or cerebral oedema.

SUMM . . . cisplatin, dacarbazine (DTIC), dactinomycin, mechlorethamine (nitrogen mustard), streptozocin, cyclophosphamide, carmustine (BCNU), lomustine (CCNU), doxorubicin (adriamycin), daunorubicin, procarbazine, mitomycin, cytarabine, etoposide, **methotrexate**, 5-fluorouracil, vinblastine, vincristine, bleomycin and chlorambucil [R. J. Gralla et al in Cancer Treatment Reports (1984) 68(1), 163-172].

L17 ANSWER 10 OF 54 USPATFULL on STN

DETD . . . animal. A stroke is a blockage or hemorrhage of a blood vessel in or leading to the brain (e.g., **aneurysmal subarachnoid hemorrhage**) that causes inadequate blood supply (ischemia) to the brain. After brain ischemia, leukocytes adhere to the perturbed vascular endothelium and. . .

DETD . . . mitoxantrone, amsacrine, chlorambucil, nitrogen mustards, methylcyclohexylnitrosurea, melphalan, cyclophosphamide, 6-mercaptopurine, 6-thioguanine, cytarabine (CA), 5-azacytidine, hydroxyurea, deoxycytidine, 5-fluorouracil (5-FU), 4-hydroxyperoxycyclophosphoramide, 5-fluorodeoxyuridine (5-FUDR), **methotrexate** (MTX), colchicine, vincristine, vinblastine, etoposide, trimetrexate, teniposide, cisplatin and diethylstilbestrol (DES). (See, generally, The Merck Manual of Diagnosis and Therapy, . . .

DETD . . . (NSAIDS), including indomethacin, ibuprofen, fenoprofen, ketoprofen, naproxen, piroxicam, phenylbutazone, oxyphenbutazone, sulindac and meclofenamate; gold compounds, such as auranofin; D-penicillamine; cyclophosphamide; **methotrexate**; azathioprine; colchicine; hydroxychloroquine; corticotropin; steroids and corticosteroids such as, for example, hydrocortisone, deoxyhydrocortisone, fludrocortisone, prednisolone, methylprednisolone, prednisone, triamcinolone, dexamethasone, betamethasone. . .

L9 ANSWER 6 OF 10 USPATFULL on STN

DETD . . . treat apoptosis associated with reperfusion damage involved in a variety of conditions, including, but not limited to, coronary artery obstruction; **cerebral infarction**; spinal/head trauma and concomitant severe paralysis; reperfusion damage due to other insults such as frostbite; and any indication previously thought. . .

DETD Myocardial and **cerebral infarctions** are caused generally by a sudden insufficiency of arterial or venous blood supply due to emboli, thrombi, or pressure that. . .

DETD The invention further encompasses a method of reducing the apoptosis and reperfusion damage associated with myocardial and **cerebral infarctions** for patients with a high risk of heart attack and stroke by administering a therapeutically effective amount of at least.

CLM What is claimed is:

49. The method according to claim 48 wherein the reperfusion is associated with coronary artery obstruction; **cerebral infarction**; spinal/head trauma and concomitant severe paralysis; and frostbite.

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=> e methotrexate/cn
E1 1 METHOTHYRIN/CN
E2 1 METHOTREXAT-EBEWE/CN
E3 1 --> METHOTREXATE/CN
E4 1 METHOTREXATE .ALPHA.,.GAMMA.- (1-TETRADECANOYL-2-HEXANOYLPHOSPHATIDYLETHANOLAMINE)/CN
E5 1 METHOTREXATE .ALPHA.,.GAMMA.- (DITETRADECANOYLPHOSPHATIDYLETHANOLAMINE)/CN
E6 1 METHOTREXATE .ALPHA.,.GAMMA.-BIS (L-GLUTAMATE TETRAETHYL ESTER)/CN
E7 1 METHOTREXATE .ALPHA.,.GAMMA.-DIHEXANOYLPHOSPHATIDYLETHANOLAMINE/CN
E8 1 METHOTREXATE .ALPHA.- (1-TETRADECANOYL-2-HEXANOYLPHOSPHATIDYLETHANOLAMINE)/CN
E9 1 METHOTREXATE .ALPHA.- (DITETRADECANOYLPHOSPHATIDYLETHANOLAMINE)/CN
E10 1 METHOTREXATE .ALPHA.-DIHEXANOYLPHOSPHATIDYLETHANOLAMINE/CN
E11 1 METHOTREXATE .ALPHA.-L-GLUTAMATE DIETHYL ESTER/CN
E12 1 METHOTREXATE .ALPHA.-METHYL ESTER/CN
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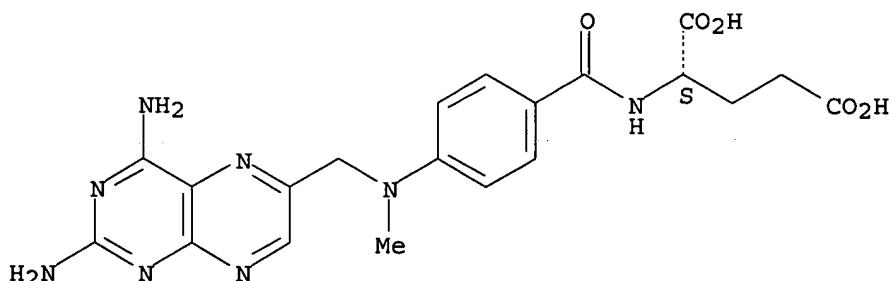
=> s e3

L1 1 METHOTREXATE/CN

=> d rn str cn

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 59-05-2 REGISTRY

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

CN L-Glutamic acid, N-[4-[(2,4-diamino-6-pteridinyl)methyl]methylamino]benzoyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glutamic acid, N-[p-[(2,4-diamino-6-pteridinyl)methyl]methylamino]benzoyl-, L- (+)- (8CI)

OTHER NAMES:

CN (+)-Amethopterin

CN 4-Amino-10-methylfolic acid

CN 4-Amino-N10-methylfolic acid

CN 4-Amino-N10-methylpteroylglutamic acid

CN Amethopterin

CN Amethopterine

CN Antifolan

CN CL 14377

CN EMT 25299

CN Emtexate

CN L-Amethopterin

CN L-Methotrexate

CN **Ledertrexate**  
CN **Metatrexan**  
CN **Methotrexat-Ebewe**  
CN **Methotrexate**  
CN **Methylaminopterin**  
CN **Mexate**  
CN **MTX**  
CN **N-[[p-[[2,4-Diamino-6-pteridinyl)methyl]methylamino]benzoyl]-L-(+)-glutamic acid**  
CN **NSC 740**  
CN **R 9985**  
CN **Rheumatrex**